



Office Docket/Ref. No.: APPT-001-5-1

Patent

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Sarkissian et al.

Serial No.: 10/828,776

Filed: April 20, 2004

Title: STATE PROCESSOR FOR  
PATTERN MATCHING IN A  
NETWORK MONITOR DEVICE

Group Art Unit: 2157

Examiner:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL: INFORMATION DISCLOSURE STATEMENT**

Dear Commissioner:

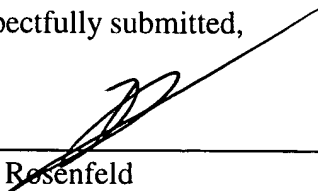
Transmitted herewith are:

- ☒ An Information Disclosure Statement for the above referenced patent application, together with PTO form 1449.
- ☐ A payment for petition fees.
- ☒ Return postcard.
- ☒ The commissioner is hereby authorized to charge payment of any missing fee associated with this communication or credit any overpayment to Deposit Account 50-0292.

A DUPLICATE OF THIS TRANSMITTAL IS ATTACHED

Date: June 16, 2004

Respectfully submitted,

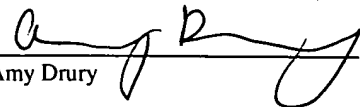
  
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Dov Rosenfeld  
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**Certificate of Mailing under 37 CFR 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: June 16, 2004

Signature: 

Amy Drury



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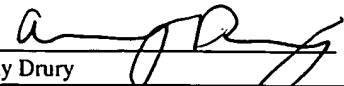
This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:  
☐ Certification under 37 CFR 1.97(e), or  
☐ a \$180.00 fee under 37 CFR 1.17(p)  
(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with a:  
☐ Certification under 37 CFR 1.97(e), and  
☐ a petition under 37 CFR 1.97(d)(2)(ii), and  
☐ a \$130.00 petition fee set forth in 37 CFR 1.17(i)(1).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

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Signature: 

Amy Drury

X Applicant(s) submit herewith Form PTO 1449 (Information Disclosure Statement) of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

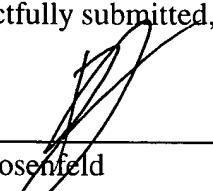
X No copies of patents, publications and or other information as recited in the submitted Form PTO 1449 is being included herewith as allowed under 37 CFR 1.98(d). Applicant(s) have previously submitted copies in one or more Information Disclosure Statement(s) filed for related U.S. Patent Application S/N 09/608,267, whose filing date is relied upon by the present application under 35 USC 120.

It is expressly requested that the cited information be made of record in the application and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

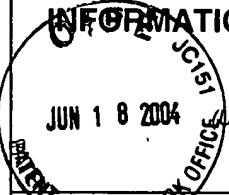
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Dov Rosenfeld  
Attorney/Agent for Applicant(s)  
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	APPLICANT Sarkissian et al.	
	FILING DATE 20 Apr 2004	GROUP 2157

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	AA	4,736,320	Apr. 5, 1988	Bristol	364	300	Oct. 8, 1985
	AB	4,891,639	Jan. 2, 1990	Nakamura	340	825.500	Jun. 23, 1988
	AC	5,101,402	Mar. 31, 1992	Chui et al.	370	17	May 24, 1988
	AD	5,247,517	Sep. 21, 1993	Ross et al.	370	85.5	Sep. 2, 1992
	AE	5,247,693	Sep. 21, 1993	Bristol	395	800	Nov. 17, 1992
	AF	5,315,580	May 24, 1994	Phaal	370	13	Aug. 26, 1991
	AG	5,339,268	Aug. 16, 1994	Machida	365	49	Nov. 24, 1992
	AH	5,351,243	Sep. 27, 1994	Kalkunte et. al.	370	92	Dec. 27, 1991
	AI	5,365,514	Nov. 15, 1994	Hershey et al.	370	17	Mar. 1, 1993
	AJ	5,375,070	Dec. 20, 1994	Hershey at al.	364	550	Mar. 1, 1993
	AK	5,394,394	Feb. 28, 1995	Crowther et al.	370	60	Jun. 24, 1993

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUB-CLASS	TRANS- LATION YES   NO
	AL	JP 2003-44510A	02-2003	Japan	G06F0 17/30		
	AM						

## OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

AN	"Technical Note: the Narus System," Downloaded April 29, 1999 from <a href="http://www.narus.com">www.narus.com</a> , Narus Corporation, Redwood City California.
AO	R. Periakaruppam and E. Nemeth. "GTrace-A Graphical Traceroute Tool." 1999 Usenix LISA. Available on <a href="http://www.caida.org">www.caida.org</a> , URL: <a href="http://www.caida.org/outreach/papers/1999/GTrace/GTrace.pdf">http://www.caida.org/outreach/papers/1999/GTrace/GTrace.pdf</a>

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	BA	5,414,650	May 9, 1995	Hekhuis	364	715.02	Mar. 24, 1993
	BB	5,430,709	Jul. 4, 1995	Galloway	370	13	Jun. 17, 1992
	BC	5,432,776	Jul. 11, 1995	Harper	370	17	Sep. 30, 1993
	BD	5,493,689	Feb. 20, 1996	Waclawsky et al.	395	821	Mar. 1, 1993
	BE	5,500,855	Mar. 19, 1996	Hershey et al.	370	17	Jan. 26, 1994
	BF	5,56,8471	Oct. 22, 1996	Hershey et al.	370	17	Sep. 6, 1995
	BG	5,574,875	Nov. 12, 1996	Stansfield et al.	395	403	Mar. 12, 1993
	BH	5,586,266	Dec. 17, 1996	Hershey et al.	395	200.11	Oct. 15, 1993
	BI	5,606,668	Feb. 25, 1997	Shwed	395	200.11	Dec. 15, 1993
	BJ	5,608,662	Mar. 4, 1997	Large et al.	364	724.01	Jan. 12, 1995
	BK	5,634,009	May 27, 1997	Iddon et al.	395	200.11	Oct. 27, 1995

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLI-CATION DATE	COUNTRY	CLASS	SUB-CLASS	TRANS- LATION YES   NO
	BL						
	BM						

## OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

	BN	W. Stallings. "Packet Filtering in the SNMP Remote Monitor." November 1994. Available on www.ddj.com, URL: <a href="http://www.ddj.com/documents/s=1013/ddj9411h/9411h.htm">http://www.ddj.com/documents/s=1013/ddj9411h/9411h.htm</a>
	BO	Advanced Methods for Storage and Retrieval in Image; <a href="http://www.cs.tulane.edu/ww/Prototype/proposal.html">http://www.cs.tulane.edu/ww/Prototype/proposal.html</a> ; 1998

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	CA	5,651,002	Jul. 22, 1997	Van Seters et al.	370	392	Jul. 12, 1995
	CB	5,684,954	Nov. 4, 1997	Kaiserswerth et al.	395	200.2	Mar. 20, 1993
	CC	5,732,213	Mar. 24, 1998	Gessel et al.	395	200.11	Mar. 22, 1996
	CD	5,740,355	Apr. 14, 1998	Watanabe et al.	395	183.21	Jun. 4, 1996
	CE	5,761,424	Jun. 2, 1998	Adams et al.	395	200.47	Dec. 29, 1995
	CF	5,764,638	Jun. 9, 1998	Ketchum	370	401	Sep. 14, 1995
	CG	5,781,735	Jul. 14, 1998	Southard	395	200.54	Sep. 4, 1997
	CH	5,784,298	Jul. 21, 1998	Hershey et al.	364	557	Jul. 11, 1996
	CI	5,787,253	Jul. 28, 1998	McCreery et al.	395	200.61	May 28, 1996
	CJ	5,805,808	Sep. 8, 1998	Hansani et al.	395	200.2	Apr. 9, 1997
	CK	5,812,529	Sep. 22, 1998	Czarnik et al.	370	245	Nov. 12, 1996

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLI-CATION DATE	COUNTRY	CLASS	SUB-CLASS	TRANS- LATION YES   NO
	CL						
	CM						

## OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

	CN	Measurement and Analysis of the Digital DECT Propagation Channel; IEEE; 1998
	CO	

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	DA	5,819,028	Oct. 6, 1998	Manghirmalani et al.	395	185.1	Apr. 16, 1997
	DB	5,825,774	Oct. 20, 1998	Ready et al.	370	401	Jul. 12, 1995
	DC	5,835,726	Nov. 10, 1998	Shwed et al.	395	200.59	Jun. 17, 1996
	DD	5,838,919	Nov. 17, 1998	Schwaller et al.	395	200.54	Sep. 10, 1996
	DE	5,841,895	Nov. 24, 1998	Huffman	382	155	Oct. 25, 1996
	DF	5,850,386	Dec. 15, 1998	Anderson et al.	370	241	Nov. 1, 1996
	DG	5,850,388	Dec. 15, 1998	Anderson et al.	370	252	Oct. 31, 1996
	DH	5,862,335	Jan. 19, 1999	Welch, Jr. et al.	395	200.54	Apr. 1, 1993
	DI	5,878,420	Mar. 2, 1999	de la Salle	707	10	Oct. 29, 1997
	DJ	5,893,155	Apr. 6, 1999	Cheriton	711	144	Dec. 3, 1996
	DK	5,903,754	May 11, 1999	Pearson	395	680	Nov. 14, 1997

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLI-CATION DATE	COUNTRY	CLASS	SUB-CLASS	TRANS- LATION YES   NO
	DL						
	DM						

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	EA	5,917,821	Jun. 29, 1999	Gobuyan et al.	370	392	Aug. 16, 1996
	EB	5,414,704	May 9, 1995	Spinney	370	60	Apr. 5, 1994
	EC	6,014,380	Jan 11, 2000	Hendel et al.	370	392	Jun. 30, 1997
	ED	5,511,215	Apr. 23, 1996	Terasaka et al.	395	800	Oct. 26, 1993
	EE	5,598,410	Jan. 28, 1997	Stone	370	469	Dec. 29, 1994
	EF	5,703,877	Dec. 30, 1997	Nuber et al.	370	395	Nov. 22, 1995
	EG	5,826,096	Oct. 20, 1998	Baxter	395	800.24	May 19, 1995
	EH	5,680,585	Oct. 21, 1997	Bruell	703	26	Mar. 31, 1995
	EI	5,721,827	Feb. 24, 1998	Logan et al.	709	217	Oct. 2, 1996
	EJ	6,272,151	Aug. 7, 2001	Gupta et al.	370	489	Jan. 25, 1999
	EK	6,430,409	Aug. 6, 2003	Rossmann	455	422.1	Nov. 26, 1997

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	EL						
	EM						

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	EN	
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FA	6,516,337	Feb. 4, 2003	Tripp et al.	709	202	Oct. 14, 1999
FB	6,519,568	Feb. 11, 2003	Harvey et al.	705	1	Dec. 23, 1999
FC	5,850,388	Dec. 15, 1998	Anderson et al.	370	252	Oct. 31, 1996
FD	6,097,699	Aug. 1, 2000	Chen et al	370	231	Jun. 5, 1998
FE	6,269,330	Jul. 31, 2001	Cidon et al.	704	43	Oct. 1, 1998
FF	6,453,345	Sep. 17, 2002	Trcka et al.	709	224	May 7, 1997
FG	6,381,306	Apr. 30, 2002	Lawson et al.	379	32	Jun. 8, 1998
FH	6,282,570	Aug. 28, 2001	Leung et al.	709	224	Dec. 7, 1998
FI	5,761,429	Jun. 2, 1998	Thompson	709	224	Nov. 16, 1995
FJ	5,799,154	Aug. 25, 1998	Kuriyan	709	223	Jun. 27, 1996
FK	5,530,958	Jun. 25, 1996	Agarwal et al.	711	3	Dec. 23, 1994
FL	4,458,310	Jul. 3, 1984	Chang, Shih-Jeh	711	119	Oct. 2, 1981
FM	6,003,123	Dec. 14, 1999	Carter et al.	711	207	Feb. 10, 1998
FN	5,530,834	Jun. 25, 1996	Colloff et al.	711	136	Mar. 3, 1994

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	GA	5,749,087	May 5, 1998	Hoover et al.	711 108	Jul. 30, 1996
	GB	3,949,369	Apr. 6, 1976	Churchill, Jr.	711 128	Jan. 23, 1974
	GC	4,559,618	Dec. 17, 1985	Houseman et al.	365 49	Sep. 13, 1982
	GD	4,910,668	Mar. 20, 1990	Okamoto et al.	711 207	Sept. 24, 1987
	GE	5,917,821	Jun. 29, 1999	Gobuyan et al.	370 392	Dec. 21, 1994
	GF	6,625,657 B1	Sep. 23, 2003	Bullard	709 237	Mar. 25, 1999
	GG	6,330,226 B1	Dec. 11, 2001	Chapman et al.	370 232	Jan. 27, 1998
	GH	6,651,099 B1	Nov. 18, 2003	Dietz et al.	709 224	Jun. 30, 2000
	GI	6,424,624 B1	Jul. 23, 2002	Galand et al.	370 231	Oct. 7, 1998
	GJ	6,279,113 B1	Aug. 21, 2001	Vaidya	713 201	Jun. 4, 1998
	GK	6,363,056 B1	Mar. 26, 2002	Beigi et al.	370 252	Jul. 15, 1998

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	PUBLI-CATION DATE	COUNTRY	CLASS	SUB-CLASS	TRANS- LATION YES   NO
GL					
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	HA	6,115,393	Sep. 5, 2000	Engel et al.	370	469	Jul. 21, 1995
	HB	4,972,453	Nov. 20, 1990	Daniel, III et al.	379	10	Feb. 28, 1989
	HC	5,535,338	Jul. 9, 1996	Krause et al.	395	200.20	May 30, 1995
	HD	5,802,054	Sep. 1, 1998	Bellenger	370	401	Aug. 16, 1996
	HE	5,720,032	Feb. 17, 1998	Picazo, Jr. et al.	395	200.2	Jan. 28, 1997
	HF	6,690,668	Feb. 10, 2004	Szczepanek et al.	370	392	Sept. 30, 1999
	HG	6,430,184	Aug. 6, 2002	Robins et al.	370	392	Apr. 10, 1998
	HH	6,226,267	May 1, 2001	Spinney et al.	370	235	Apr. 10, 1998
	HI	6,101,554	Aug. 8, 2000	Creedon et al.	709	253	Jun. 15, 1998
	HJ	6,226,265	May 1, 2001	Nakamichi et al.	370	235	Jul. 8, 1996
	HK	5,422,626	Jun. 6, 1995	Fish	340	539.17	Nov. 19, 1992

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